

Title (en)
Headlight apparatus and method of controlling the same

Title (de)
Schweinwerfervorrichtung und Verfahren zur Steuerung davon

Title (fr)
Appareil comprenant un phare et procédé de commande

Publication
EP 2712764 A3 20180418 (EN)

Application
EP 13170185 A 20130531

Priority
KR 20120108154 A 20120927

Abstract (en)
[origin: EP2712764A2] A headlight apparatus and a method of controlling the same. The headlight apparatus provided in a vehicle comprises a light source unit (210) including at least one light source and emitting a light in a forward direction of the vehicle, a light source driving unit (220) supplying a driving current to the at least one light source included in the light source unit (210), and a control unit (240) receiving information about a travelling environment of the vehicle and determining a driving condition of the light source unit (210) by using the received information about the travelling environment. The driving condition of the light source unit (210) includes a driving current value corresponding to a brightness of the at least one light source included in the light source unit (210).

IPC 8 full level
B60Q 1/08 (2006.01); **B60Q 1/14** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)
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F21S 41/663 (2017.12 - EP US); **H05B 31/50** (2013.01 - US); **H05B 45/00** (2020.01 - KR); **H05B 45/10** (2020.01 - US);
H05B 47/105 (2020.01 - EP); **H05B 47/11** (2020.01 - EP US); **B60Q 2300/052** (2013.01 - KR US); **B60Q 2300/054** (2013.01 - EP KR US);
B60Q 2300/112 (2013.01 - EP KR US); **B60Q 2300/314** (2013.01 - EP KR US); **H05B 45/37** (2020.01 - US); **Y02B 20/40** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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KR 102023525 B1 20190920; KR 2014041140 A 20140404; US 2014084788 A1 20140327; US 9333903 B2 20160510

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